

February 25, 1985
(NMP2L 0347)

Mr. R. W. Starostecki, Director
U. S. Nuclear Regulatory Commission
Region I
Division of Project and Resident Programs
631 Park Avenue
King of Prussia, PA 19406

Re: Nine Mile Point - Unit 2
Docket No. 50-410

Dear Mr. Starostecki:

Enclosed is a final report in accordance with 10CFR50.55(e) for the problem concerning the diesel generator voltage profile study for the 600-V Class 1E system. This problem was reported via tel-con to T. Silko of your office on November 21, 1984. An interim report was submitted via our letter dated December 20, 1984.

Very truly yours,

C. V. Mangan
C. V. Mangan
Vice President
Nuclear Engineering and Licensing

CVM/GG:cla

xc: Director of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20555

R. A. Gramm, NRC Resident Inspector

Project File (2)

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NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT - UNIT 2
DOCKET NO. 50-410

Final Report for a Problem
Concerning the Diesel Generator Voltage
Profile Study for the 600-V Class 1E System
(55(e)-84-54)

Description of the Problem

The Institute of Nuclear Power Operations inspection of Nine Mile Point - Unit 2 identified the need for additional justification for an assumption made in the Diesel Generator Voltage Profile Study for the 600-V Class 1E system.

Analysis of Safety Implications

A calculation was made to verify the diesel generator sequential kVA loading requirements from time $t = 0$ after closure of the diesel generator breaker. The results indicate that the assumptions made in the Diesel Generator Voltage Profile Study for 600-V Class 1E System are justified. Therefore, a deficiency does not exist and the criteria for reportability under 10CFR50.55(e) have not been met.